

Access DB#

535001

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Math Belk Examiner #: 71661 Date: 10/18/01  
Art Unit: 2671 Phone Number 304-6829 Serial Number: \_\_\_\_\_  
Mail Box and Bldg/Room Location: CPK-2 BA44 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation Search for

5,875,163

please email me to pick up

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Terri Beale</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>306-0254</u>	AA Sequence (#) _____	Dialog <u>11.22</u>
Searcher Location: <u>PK2305</u>	Structure (#) _____	Questel/Orbit <u>4.18</u>
Date Searcher Picked Up: <u>10-24-01</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>10-24-01</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

5875163

1/1 LGST (1/1) - (C) LEGSTAT  
PN - US 5875163 [US5875163]  
AP - US 816138/97 19970312 [1997US-0816138]  
DT - US-P  
ACT - 19970312 US/AE-A  
APPLICATION DATA (PATENT)  
{US 816138/97 19970312 [1997US-0816138]}  
- 19970819 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
PIONEER ELECTRONIC CORPORATION 4-1, MEGURO 1-CHOME, MEGURO-KU TOKYO,  
JAPAN \* KURODA, KAZUO : 19970331; YOSHIDA, MASAYOSHI : 19970331;  
SUZUKI, TOSHIO : 19970331  
- 19990223 US/A  
PATENT  
UP - 2000-06

LEVEL 1 OF 1 PATENT

5,875,163

<=2> GET 1st DRAWING SHEET OF 11

Feb. 23, 1999

LEXIS-NEXIS  
Library: PATENT  
File: ALL

Rotation control apparatus operating with a sync signal  
having variable intervals

CORE TERMS: sync, recording, phase, phase difference, pre-pit, interval,  
pre-signal, recorded, rotation, timing...

5,875,163 OR 5875163

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

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To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

5,875,163 OR 5875163

LEXIS NEXIS  
Library: PATENT  
File: JNLS

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5,875,163 OR 5875163

LEXIS NEXIS  
Library: NEWS  
File: CURNWS

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For further explanation, press the H key (for HELP) and then the ENTER key.

1/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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13840376

Basic Patent (No,Kind,Date): EP 795858 A2 19970917 <No. of Patents: 005>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
EP 795858	A2	19970917	EP 97104092	A	19970311	(BASIC)
EP 795858	A3	19981111	EP 97104092	A	19970311	
JP 9251710	A2	19970922	JP 9684578	A	19960313	
US 5875163	A	19990223	US 816138	A	19970312	
US 5920530	A	19990706	US 191999	A	19981116	

Priority Data (No,Kind,Date):

JP 9684578 A 19960313  
US 191999 A 19981116  
US 816138 A1 19970312

PATENT FAMILY:

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 795858 A2 19970917

ROTATION CONTROL APPARATUS OPERATING WITH A SYNC SIGNAL HAVING VARIABLE  
INTERVALS (English; French; German)

Patent Assignee: PIONEER ELECTRONIC CORP (JP)

Author (Inventor): KURODA KAZUO (JP); SUZUKI TOSHIO (JP); YOSHIDA  
MASAYOSHI (JP)

Priority (No,Kind,Date): JP 9684578 A 19960313

Applic (No,Kind,Date): EP 97104092 A 19970311

Designated States: (National) DE; FR; GB

IPC: \* G11B-019/28

Derwent WPI Acc No: \* G 97-451015; G 97-451015

Language of Document: English

Patent (No,Kind,Date): EP 795858 A3 19981111

ROTATION CONTROL APPARATUS OPERATING WITH A SYNC SIGNAL HAVING VARIABLE  
INTERVALS (English; French; German)

Patent Assignee: PIONEER ELECTRONIC CORP (JP)

Author (Inventor): KURODA KAZUO (JP); SUZUKI TOSHIO (JP); YOSHIDA  
MASAYOSHI (JP)

Priority (No,Kind,Date): JP 9684578 A 19960313

Applic (No,Kind,Date): EP 97104092 A 19970311

Designated States: (National) DE; FR; GB

IPC: \* G11B-019/28

Derwent WPI Acc No: \* G 97-451015

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 795858	P	19960313	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
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EP 795858	P	19970311	EP AE	EP-APPLICATION	
				(EUROPAEISCHE ANMELDUNG)	

EP 795858	P	19970917	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
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EP 795858	P	19970917	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
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EP 795858	P	19981111	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
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DE FR GB  
EP 795858 P 19981111 EP A3 SEPARATE PUBLICATION OF THE  
SEARCH REPORT (ART. 93) (GESONDERTE  
VEROEFFENTLICHUNG DES RECHERCHENBERICHTS  
(ART. 93))  
EP 795858 P 19981230 EP 17P REQUEST FOR EXAMINATION  
FILED (PRUEFUNGSANTRAG GESTELLT)  
981104

JAPAN (JP)

Patent (No,Kind,Date): JP 9251710 A2 19970922  
ROTATION CONTROLLER (English)  
Patent Assignee: PIONEER ELECTRONIC CORP  
Author (Inventor): KURODA KAZUO; YOSHIDA MASAYOSHI; SUZUKI TOSHIO  
Priority (No,Kind,Date): JP 9684578 A 19960313  
Applic (No,Kind,Date): JP 9684578 A 19960313  
IPC: \* G11B-019/28; G11B-007/00; G11B-019/02  
Derwent WPI Acc No: \* G 97-451015  
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5875163 A 19990223  
ROTATION CONTROL APPARATUS OPERATING WITH A SYNC SIGNAL HAVING VARIABLE  
INTERVALS (English)  
Patent Assignee: PIONEER ELECTRONIC CORP (JP)  
Author (Inventor): KURODA KAZUO (JP); YOSHIDA MASAYOSHI (JP); SUZUKI  
TOSHIO (JP)  
Priority (No,Kind,Date): JP 9684578 A 19960313  
Applic (No,Kind,Date): US 816138 A 19970312  
National Class: \* 369050000; 369047000; 369048000  
IPC: \* G11B-007/00  
Derwent WPI Acc No: \* G 97-451015  
Language of Document: English

Patent (No,Kind,Date): US 5920530 A 19990706  
ROTATION CONTROL APPARATUS OPERATING WITH A SYNC SIGNAL HAVING VARIABLE  
INTERVALS (English)  
Patent Assignee: PIONEER ELECTRONIC CORP (JP)  
Author (Inventor): KURODA KAZUO (JP); YOSHIDA MASAYOSHI (JP); SUZUKI  
TOSHIO (JP)  
Priority (No,Kind,Date): US 191999 A 19981116; JP 9684578 A  
19960313; US 816138 A1 19970312  
Applic (No,Kind,Date): US 191999 A 19981116  
Addnl Info: 5875763 Patented  
National Class: \* 369047000  
IPC: \* G11B-007/00  
Derwent WPI Acc No: \* G 97-451015  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
US 5875163 P 19960313 US AA PRIORITY (PATENT)  
JP 9684578 A 19960313  
US 5875163 P 19970312 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 816138 A 19970312  
US 5875163 P 19970819 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
PIONEER ELECTRONIC CORPORATION 4-1, MEGURO  
1-CHOME, MEGURO-KU TOKYO, JAPAN ; KURODA,  
KAZUO : 19970331; YOSHIDA, MASAYOSHI :  
19970331; SUZUKI, TOSHIO : 19970331  
US 5875163 P 19990223 US A PATENT  
US 5920530 P 19960313 US AA PRIORITY (PATENT)  
JP 9684578 A 19960313  
US 5920530 P 19970312 US AA PRIORITY  
US 816138 A1 19970312  
US 5920530 P 19981116 US AE APPLICATION DATA (PATENT)



(APPL. DATA (PATENT))

US 191999 A 19981116

US 5920530

P 19990706 US A PATENT